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Military Applications Summary Bulk report on technology developments in Europe and the Middle East. The material contained in the Bulletins should in no way be construed as an endorsement of any product or service described therein.

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## BULLETIN

OFFICE OF NAVAL RESEARCH EUROPEAN OFFICE Box 39, FPO New York 09510-0700 Phone (AV)235-4131 (Comm) 409-4131

MASB 14-89

1 March 1989

### 14TH INTERNATIONAL PYROTECHNICS SEMINAR, 18-22 SEPTEMBER 1989

**Background.** The International Pyrotechnics Society (IPS), has announced that the 14th International Pyrotechnics seminar will be held at the Hotel de France in Jersey, Channel Isles, UK. It is hosted by the Royal Armament Research and Development Establishment (RARDE) in conjunction with the British pyrotechnic industry and continues the annual series of IPS seminars held in the United States, France, and West Germany.

**Objective.** The objective of the IPS seminars is to provide a forum for the exchange of technology and information developments in the field of pyrotechnics. These include:

- Energy output manifested by liberation of heat, light, sound, gas, or smoke
- Associated factors concerning ignition, combustion, and time delay
- Deflagration and detonation mechanisms
- Research and development (both analytical and experimental), as well as production and manufacturing operations.
- Safety and environmental considerations.

The proceedings of this seminar will be published in a hard-bound edition and will be available at time of registration to all delegates.

The deadline for submission of abstracts of presentation papers was February 10th; however, short abstracts for poster session papers involving on-going research will be accepted up to 1 April 1989.

To be included in the Conference Proceedings all paper must be in accordance with the instructions issued on acceptance of the paper and be received at RARDE by the absolute deadline of June 9th 1989. Please note that all papers submitted must involve previously unpublished work, be unclassified, and be cleared for public release.

The official language for the seminar is English.

**Poster Session.** Authors are encouraged to consider this alternative means of presentation, which provides a greater forum for technical/promotional exchanges with delegates than a 20-minute oral presentation. Furthermore, all Poster Session manu-

scripts will be published in the Proceedings. Work presented during the poster session must be of the same high quality as that of the oral presentations. To facilitate planning, authors who desire to participate in the Poster Session should send their abstracts to RARDE.

Address all abstracts to or for further information contact Dr. F.W.S. Carver, RARDE, Fort Halstead, Sevenoak, Kent, TN14 7BP, UK; telephone: 0959-32222, telex 95267, facsimile: 0959-32900.

**Exhibition.** There will be an exhibition of products related to pyrotechnics at the seminar. Companies or individuals who are interested in exhibiting should contact Dr. N. Davies, Royal Ordnance, Glascoed, Usk, Gwent, NP5 1XL, UK; telephone: 02913-2211 Ext 2800.

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